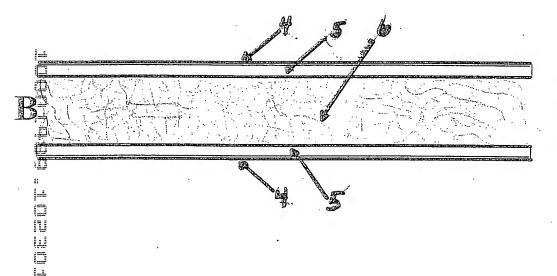


- 1: Protective outer coating
- 2: Tube Wall
- 3. Sol-gel Coating



- # Protective outer coating
- 5. Tube Wall
- & Sol-gel monolithic bed

Schematic of the Longitudinal Section of Extraction tubes with:

- (A) Sol-gel Coating
- (B) Sol-gel Monolithic Bed

FIG. 1.

Introduction of the Extracted Sample into CC

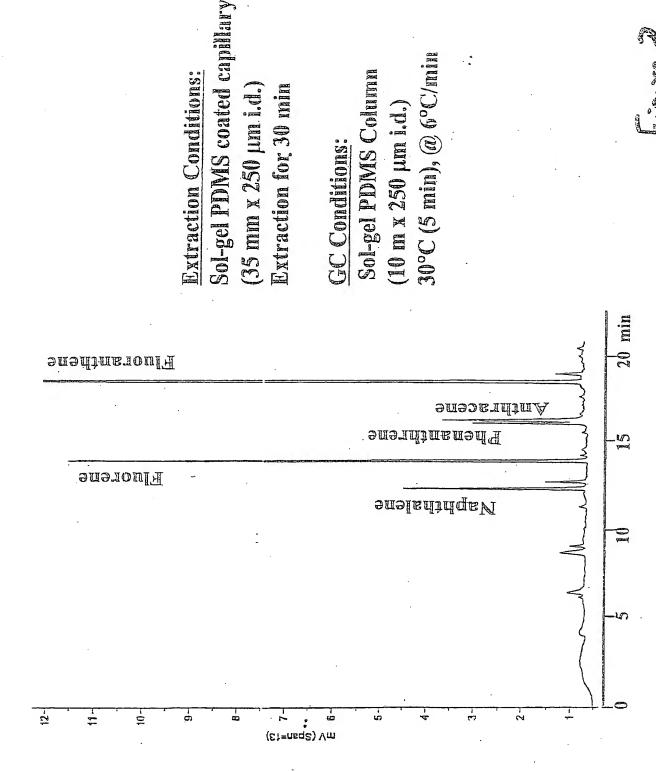
Fused silica two-way capillary connector

ion Rozann Fused silia solgel cated column

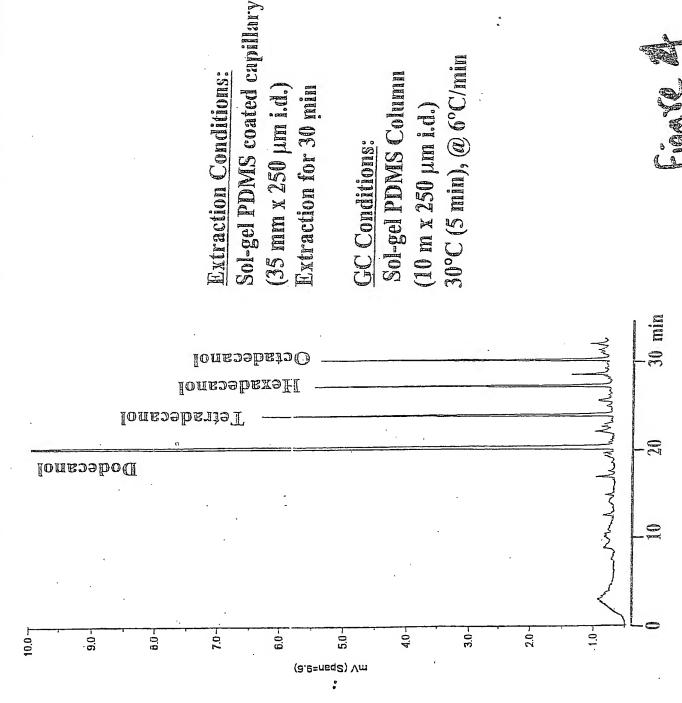
70 -

ACUCALA ACECA

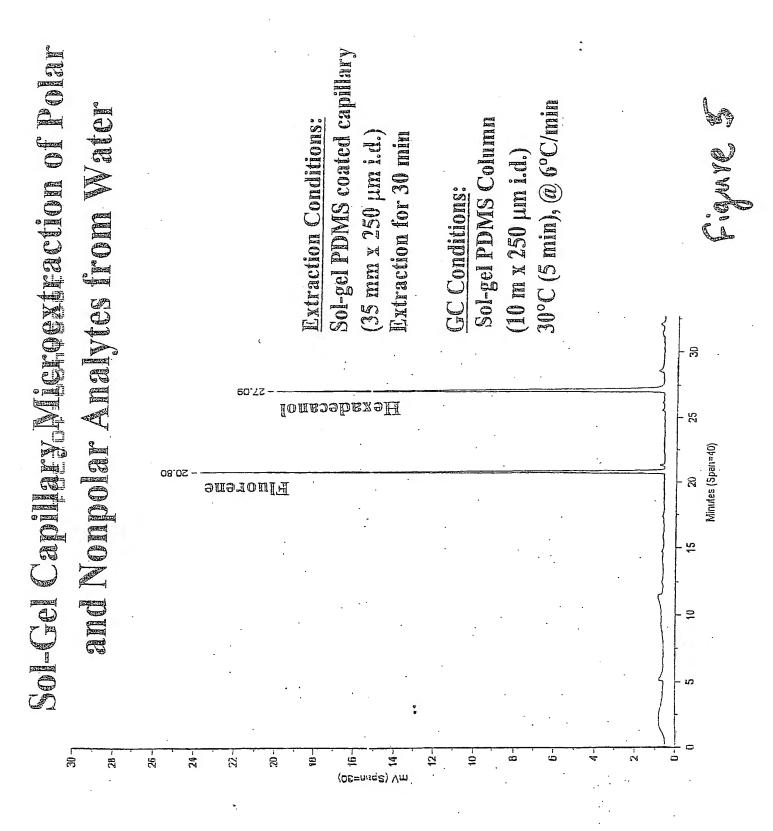




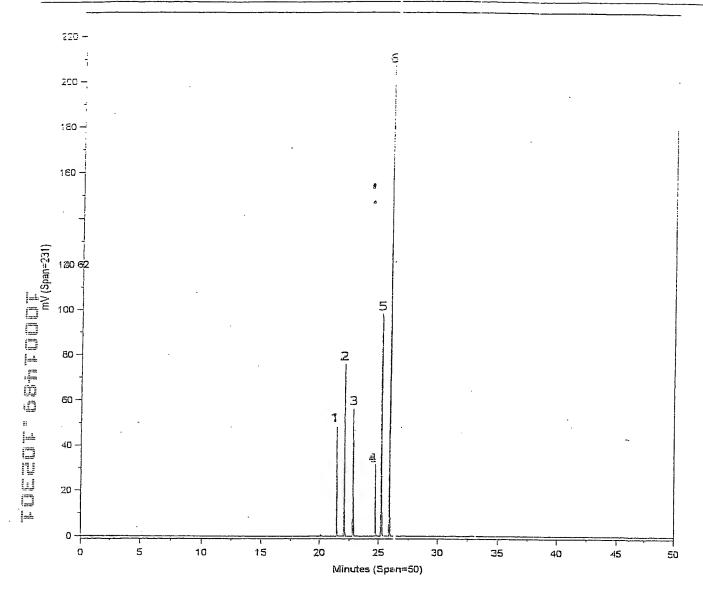




-222

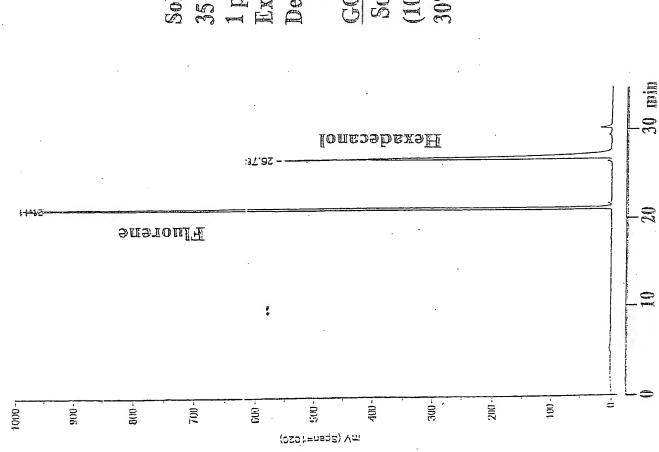


- カスー



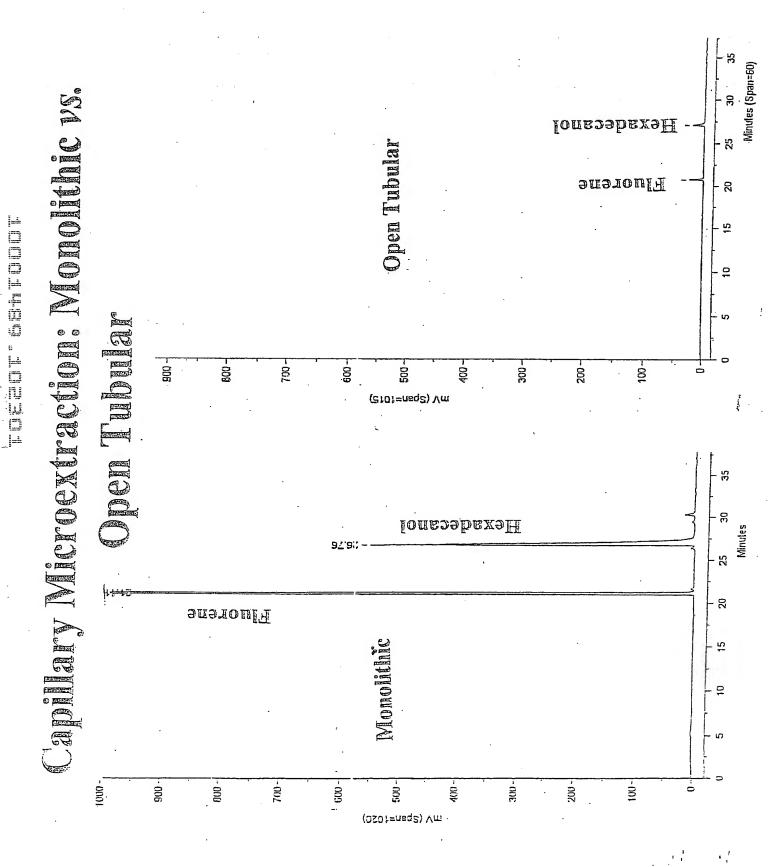
F16.6

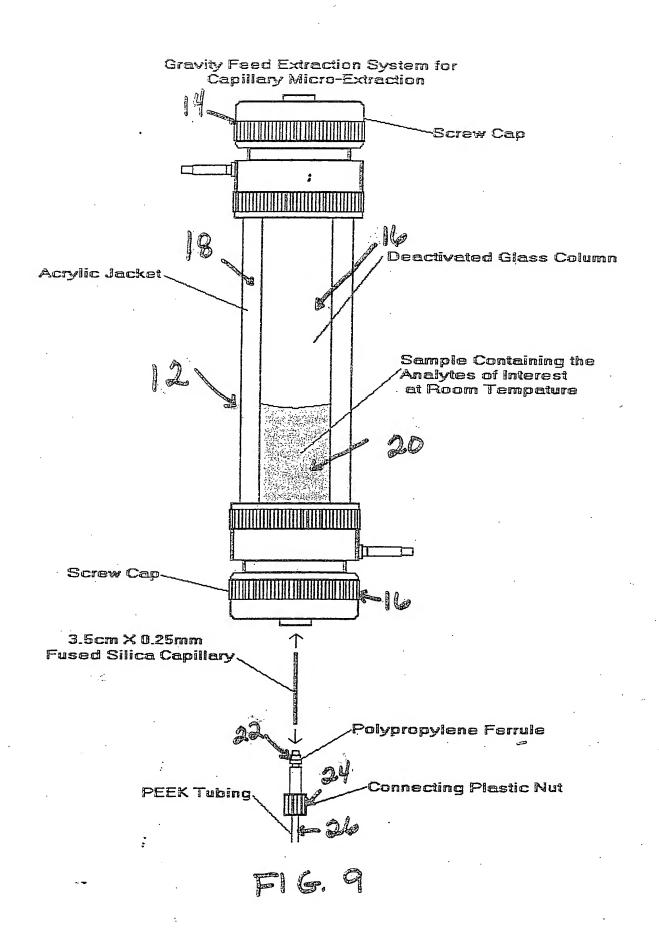
Calillary Microcatraction on Monoletic Bed

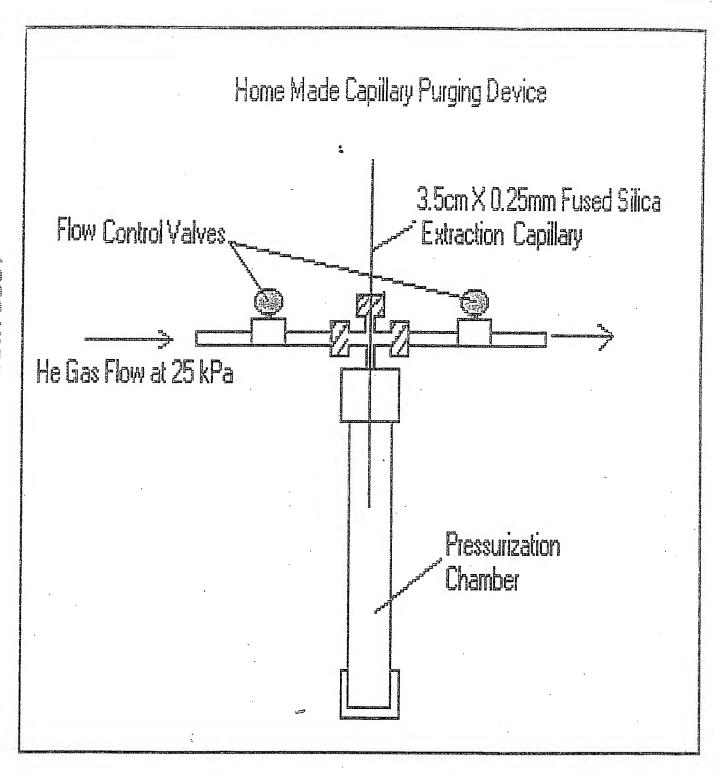


Sol-Gel ODS Monolithic Bed 35 mm x 50 mm i.d. 1 ppm Extraction for 30 min Desorption at 300°C

GC Conditions: Sol-gel PDIMS Column (10 m x 250 µm i.d.) 30°C (5 min), @ 6°C/min

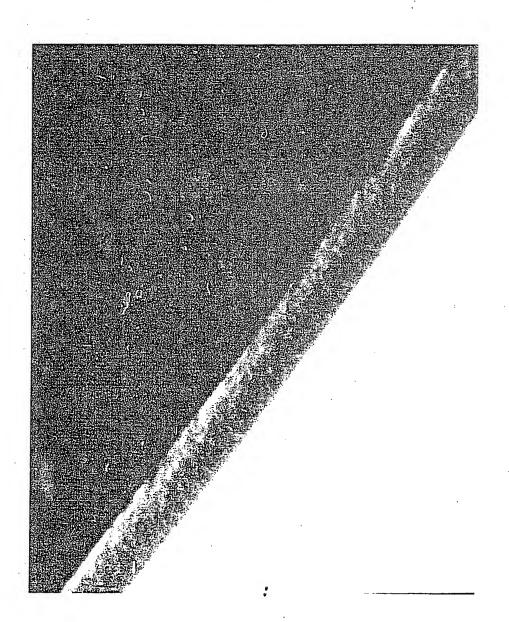




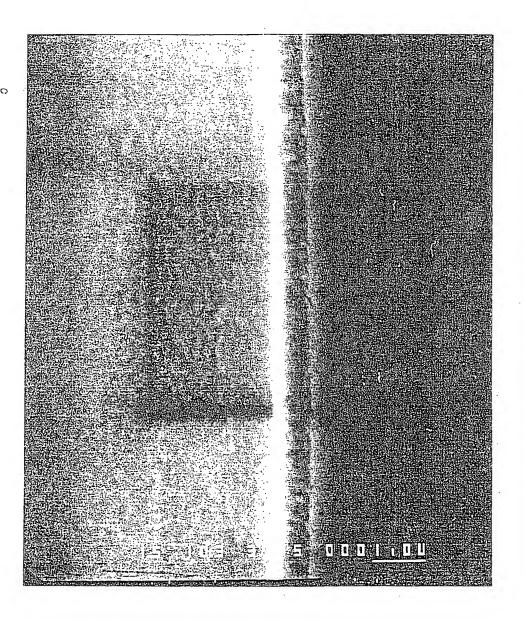


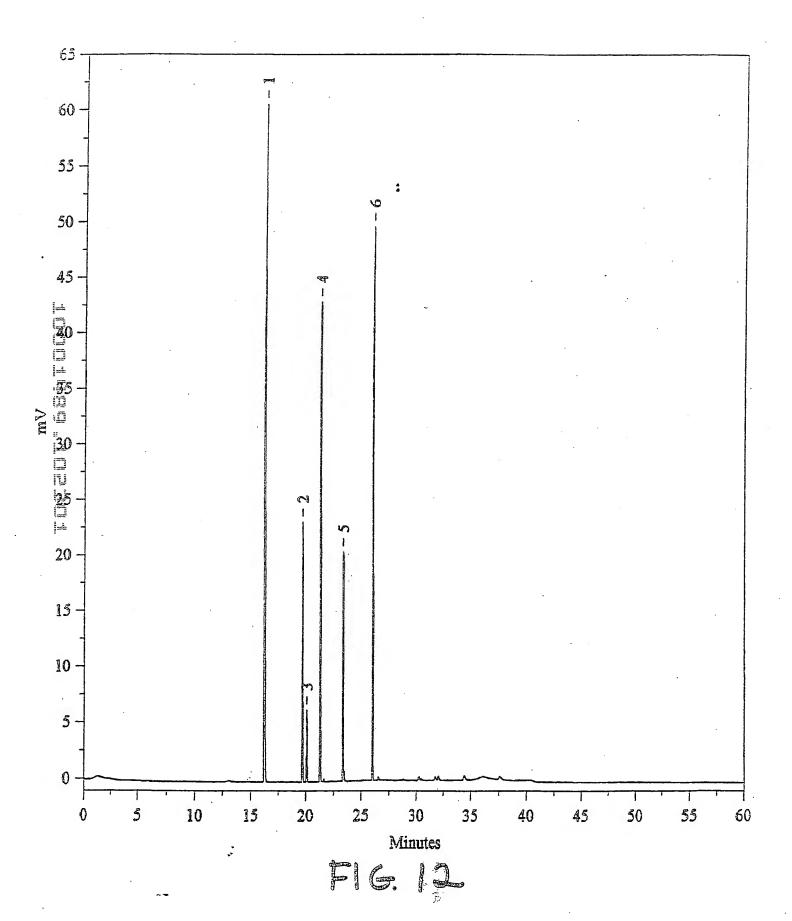
F16.10

E16. 114



(Figure 4A.)





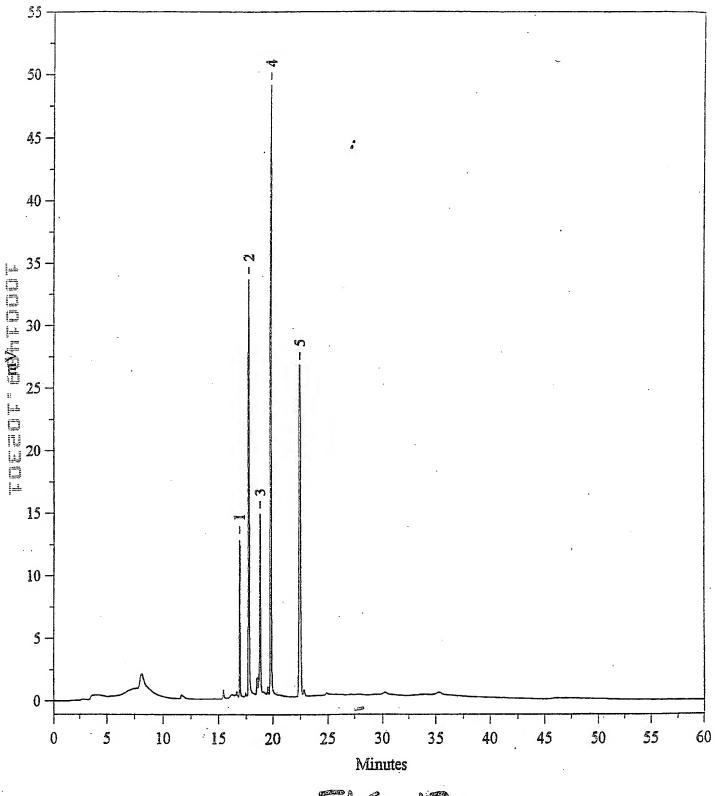
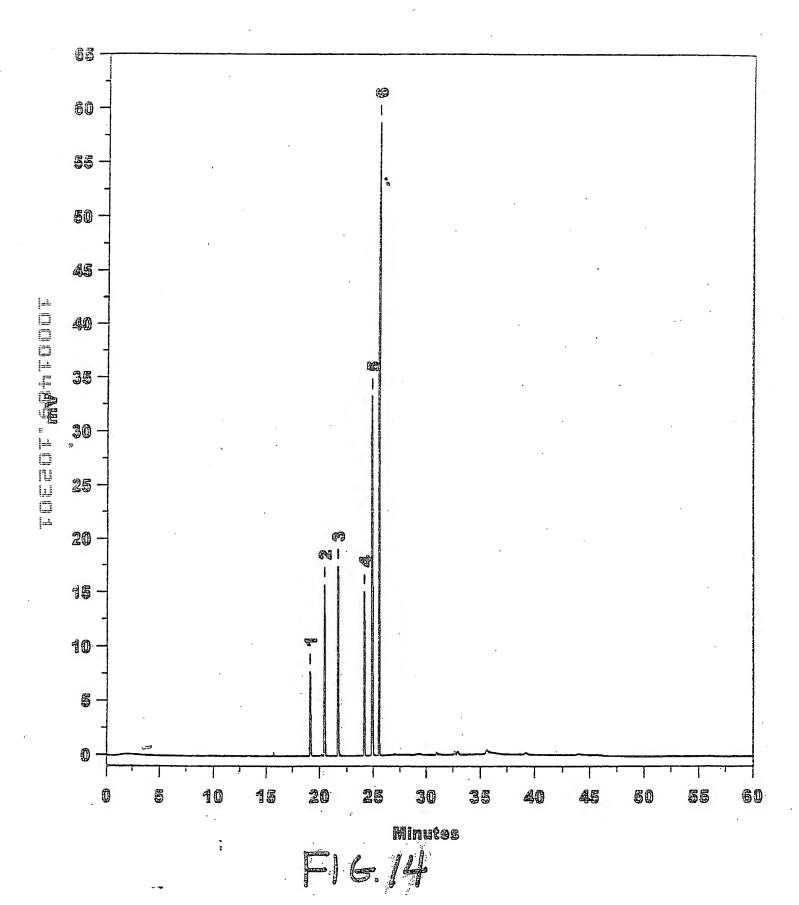


FIG. 13



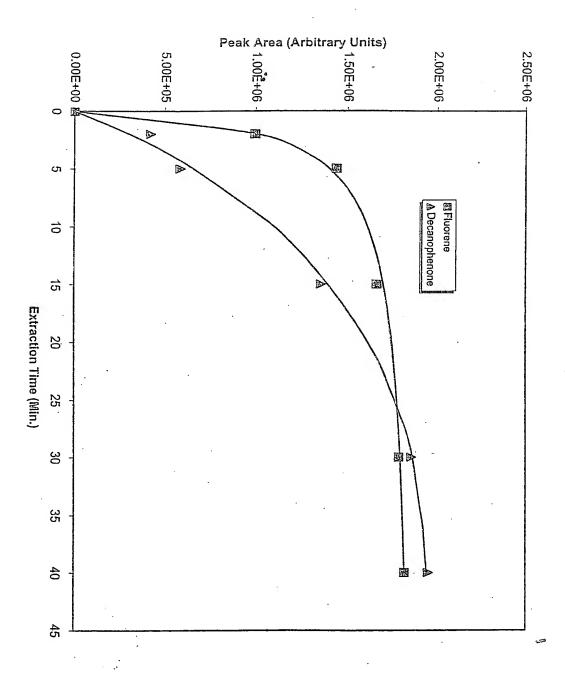
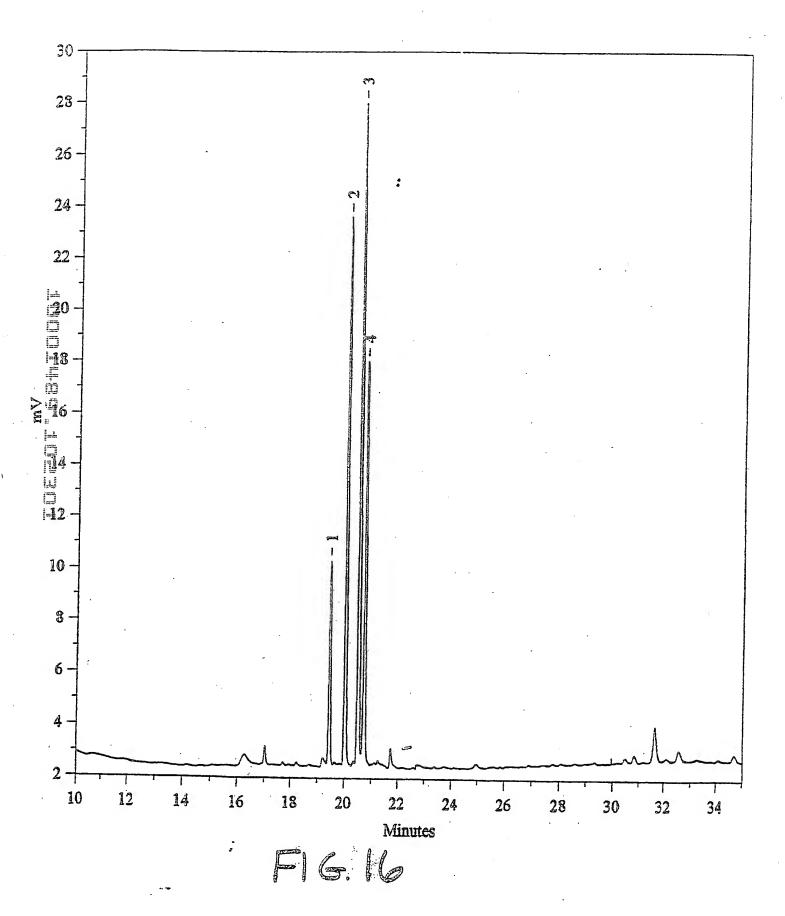


FIG. 15



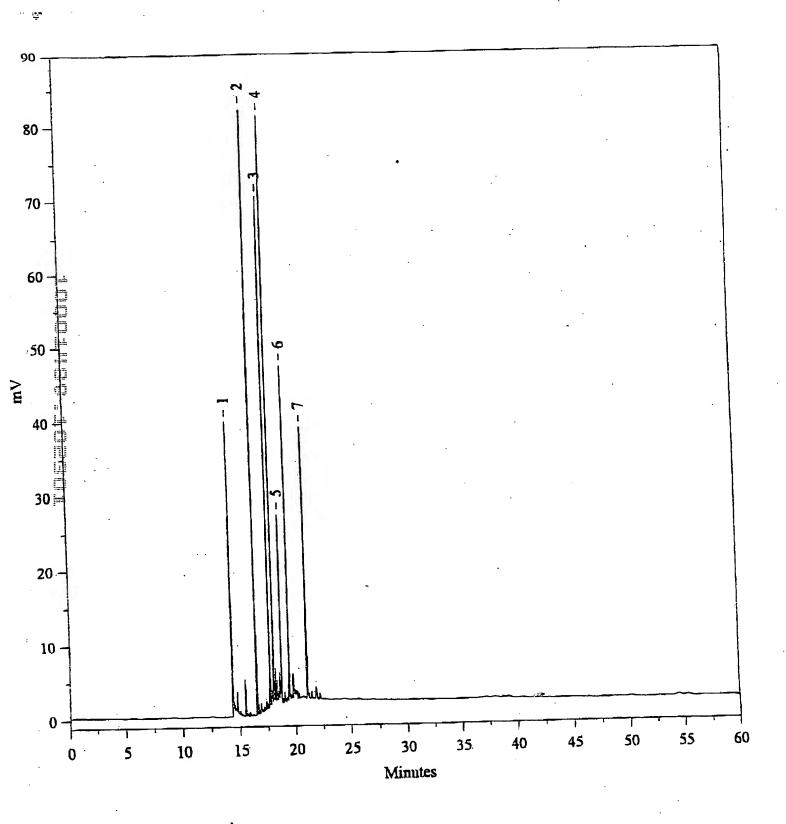
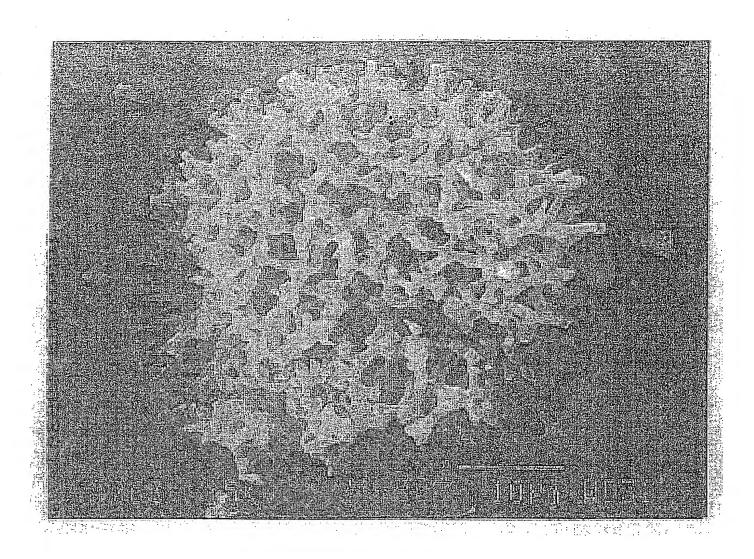


Figure 17



Scanning Electron Micrograph (SEM) Cross-sectional View of a Fused Silica Capillary with a Sol-gel Monolithic Bed

FIG. 18